

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018358.D
 Acq On : 19 Sep 2020 05:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Sep 19 05:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288016	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103328	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.58	69	80817	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.16%
11) 1,1-Dichloroethene-d2	2.12	63	192409	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
21) 2-Butanone-d5	3.90	46	124488	86.65	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.65%
24) Chloroform-d	4.38	84	182478	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
26) 1,2-Dichloroethane-d4	5.06	65	116126	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.08	84	358678	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
36) 1,2-Dichloropropane-d6	6.09	67	112246	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.34	98	334044	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%
43) trans-1,3-Dichloropropene-	7.64	79	53867	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.11	63	91393	93.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147383	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	134042	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96164	45.788	ug/L 100
3) Chloromethane	1.25	50	110211	48.058	ug/L 100
5) Vinyl chloride	1.32	62	110876	47.148	ug/L 100
6) Bromomethane	1.53	94	68332	47.540	ug/L 99
8) Chloroethane	1.59	64	70236	47.678	ug/L 98
9) Trichlorofluoromethane	1.76	101	155775	48.144	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91301	46.977	ug/L 99
12) 1,1-Dichloroethene	2.13	96	90769	47.998	ug/L 98
13) Acetone	2.18	43	87864	76.375	ug/L 98
14) Carbon disulfide	2.31	76	263280	45.498	ug/L 100
15) Methyl Acetate	2.44	43	102937	49.789	ug/L 99
16) Methylene chloride	2.52	84	103113	48.618	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	92679	47.554	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	292275	48.480	ug/L 100
19) 1,1-Dichloroethane	3.21	63	179753	48.782	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	101764	48.846	ug/L 97
22) 2-Butanone	3.99	43	132467	97.240	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54076	49.610	uq/L	97
25) Chloroform	4.40	83	183619	49.022	uq/L	99
27) 1,2-Dichloroethane	5.15	62	144094	49.693	uq/L	100
29) Cyclohexane	4.70	56	155926	47.612	uq/L	100
30) 1,1,1-Trichloroethane	4.63	97	159328	48.407	uq/L	99
31) Carbon tetrachloride	4.86	117	138726	47.933	uq/L	98
33) Benzene	5.13	78	399038	49.211	uq/L	100
34) Trichloroethene	5.94	95	103688	46.941	uq/L	99
35) Methylcyclohexane	6.15	83	151691	45.609	uq/L	99
37) 1,2-Dichloropropane	6.20	63	104682	48.718	uq/L	100
38) Bromodichloromethane	6.53	83	135407	48.425	uq/L	100
39) cis-1,3-Dichloropropene	7.05	75	150309	45.401	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	269811	103.505	uq/L	99
42) Toluene	7.41	91	425663	49.604	uq/L	99
44) trans-1,3-Dichloropropene	7.67	75	148053	45.930	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	99448	49.934	uq/L	99
46) Tetrachloroethene	8.00	164	80830	46.670	uq/L	98
48) 2-Hexanone	8.16	43	206512	100.487	uq/L	99
49) Dibromochloromethane	8.27	129	108079	48.346	uq/L	99
50) 1,2-Dibromoethane	8.37	107	103608	49.430	uq/L	99
51) Chlorobenzene	8.90	112	271685	48.751	uq/L	99
52) Ethylbenzene	9.03	91	462446	49.361	uq/L	100
53) m,p-Xylene	9.16	106	174895	50.015	uq/L	96
54) o-xylene	9.57	106	169009	50.168	uq/L	99
55) Styrene	9.58	104	302631	51.683	uq/L	100
56) Isopropylbenzene	9.95	105	452455	49.833	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	151657	51.478	uq/L	99
59) 1,2,3-Trichloropropane	10.30	75	127003	50.253	uq/L	100
61) Bromoform	9.75	173	80384	48.686	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	219668	48.066	uq/L	100
63) 1,4-Dichlorobenzene	11.29	146	224728	47.841	uq/L	99
65) 1,2-Dichlorobenzene	11.67	146	219764	47.575	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33602	51.548	uq/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	163197	45.297	uq/L	100
68) 1,2,4-trichlorobenzene	13.28	180	153062	47.708	uq/L	98
69) Naphthalene	13.52	128	455818	56.148	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	160447	50.775	uq/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

